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| HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY  SCHOOL OF ELECTRONICS AND TELECOMMUNICATIONS  logo_128  PROJECT REPORT  **Bulid Website and App Game Online**   |  |  |  | | --- | --- | --- | | Instructor: | PhD .Dao Trung Kien | | | Student: | Bui Van Binh | 20224301 | | Nguyen Van Hieu |  | | Vu Minh Duc | 20224305 | | Trinh Quoc An |  |   HANOI, 6-2025 |

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Table of work resume

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| Name | Work |
| Bui Van Binh | Backend Web Development  - Design and build API endpoints  - Database management and optimization  - Handle authentication and authorization  - Development of backup system  - System security  - Database structure design  - API and database testing  - Write technical documentation and installation instructions |
| Vu Minh Duc | |  | | --- | |  |    Frontend Web Development  - Design and build user interfaces with HTML, CSS, JS  - Develop components and pages  - Optimized responsive design  - API integration with backend  - UI testing  - Optimize frontend performance  - Write user manuals |
| Nguyen Van Hieu |  |
| Trinh Quoc An |  |

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**I. Website Functions**

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| **Website Functions** | |
| 1. Store data with a database | MySQL |
| 2. Register, login, log out | Distinguish 2 types of users: admin, user |
| 3. Decentralize users | Admin can administer  User only uses basic functions |
| 4. Pages that display content by type code | Games are categorized and filtered by genre |
| 5. Search function |  |
| 6. Comment and review form for each game | Request to enter name, email, content, review score |
| 7. Show comments and reviews publicly after submission | With the name, date and time of sending, users can actively delete |
| 8. Homepage with popup ads | Click on it to enter the membership registration page |
| 9. Live web gaming |  |
| 10. Responsive interface |  |

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| **Administrative Functions** | |
| 1.Admin Page | Only displayed when entering the correct name, pw of admin |
| 2. Update content information | Add/edit/delete games, update game information |

**2 . Level of Perfection**

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| **Fully completed main functions** | **Functionality in progress** |
| - Storing data using a database  - Registration/login/logout, decentralization  - Game management, comments, reviews  - Popup for homepage ads (1 time, using cookies)  - 3-threshold responsive interface  - Admin page: manage game content  - Backup/restore data  - Tested key functions, ensuring stable operation | - Edit information, update, change password in profile page  - Access display function for admins  - Admin comment management function |

3**.Installation and Usage Instructions**

*Please read the* [*README.md*](https://github.com/Chu-vit-Huster-ngao-ngo-2k4/Website_Game_online/blob/main/README.md) *instruction file for the convenience of structuring and files!*

Github: <https://github.com/Chu-vit-Huster-ngao-ngo-2k4/Website_Game_online/tree/main>

**II. App Function**